

What is claimed is:

1. A packaging apparatus for a granular object having adsorption ability, comprising:
  - 5 a heating device for heating a granular object having adsorption ability;
  - a charging device for charging the granular object into a storage bag having an open end;
  - a sealing device for sealing the open end of the storage bag
  - 10 into which the granular object has been charged; and
  - a cooling device for cooling the storage bag with the granular object kept to be gathered at the bottom of the storage bag;
  - wherein the heating device is located upstream of the sealing device along the flowing direction of the granular object.
- 15 2. The apparatus for packaging a granular object having adsorption ability of Claim 1, wherein the cooling device quickly cools the storage bag so that the inner surfaces of part of the storage bag where the granular object, which is gathered
- 20 at the bottom of the storage bag, is not contained can come into close contact with each other.
3. The apparatus for packaging a granular object having adsorption ability of Claim 1, wherein the heating device heats
- 25 the granular object to a temperature not lower than 55°C and not higher than 80°C.
4. The apparatus for packaging a granular object having adsorption ability of Claim 2, wherein the heating device heats
- 30 the granular object to a temperature not lower than 55°C and

not higher than 80°C.

5. The apparatus for packaging a granular object having adsorption ability of Claim 1, wherein the cooling device holds the storage bag in a position along the direction of gravity or inclined to the direction of gravity during cooling the storage bag.

6. The apparatus for packaging a granular object having adsorption ability of Claim 2, wherein the cooling device holds the storage bag in a position along the direction of gravity or inclined to the direction of gravity during cooling the storage bag.

7. The apparatus for packaging a granular object having adsorption ability of Claim 3, wherein the cooling device holds the storage bag in a position along the direction of gravity or inclined to the direction of gravity during cooling the storage bag.

20

8. A method for packaging a granular object having an adsorption ability, comprising the steps of:

heating a granular object having an adsorption ability;

charging the granular object into a storage bag having an open

25 end;

sealing the open end of the storage bag into which the granular object has been charged; and

cooling the storage bag with the granular object kept to be gathered at the bottom of the storage bag,

30 wherein the step of heating is conducted prior to the step

of sealing.

9. A method for producing a package, comprising the steps of:

5 supplying a granular object having adsorption ability to a packaging apparatus for a granular object having adsorption ability according to Claim 1;

heating the granular object with the heating device;

charging the granular object into a storage bag with the  
10 charging device;

sealing the storage bag into which the granular object has been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus  
15 as a package.

10. A method for producing a package, comprising the steps of:

supplying a granular object having adsorption ability to a  
20 packaging apparatus for a granular object having adsorption ability according to Claim 2;

heating the granular object with the heating device;

charging the granular object into a storage bag with the  
charging device;

25 sealing the storage bag into which the granular object has been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus  
as a package.

11. A method for producing a package, comprising the steps of:

supplying a granular object having adsorption ability to a packaging apparatus for a granular object having adsorption  
5 ability according to Claim 3;

heating the granular object with the heating device;

charging the granular object into a storage bag with the  
charging device;

sealing the storage bag into which the granular object has  
10 been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus  
as a package.

15 12. A method for producing a package, comprising the steps of:

supplying a granular object having adsorption ability to a packaging apparatus for a granular object having adsorption  
ability according to Claim 4;

20 heating the granular object with the heating device;

charging the granular object into a storage bag with the  
charging device;

sealing the storage bag into which the granular object has  
been charged with the sealing device;

25 cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus  
as a package.

13. A method for producing a package, comprising the steps  
30 of:

supplying a granular object having adsorption ability to a packaging apparatus for a granular object having adsorption ability according to Claim 5;

heating the granular object with the heating device;

5 charging the granular object into a storage bag with the charging device;

sealing the storage bag into which the granular object has been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

10 taking the cooled storage bag out of the packaging apparatus as a package.

14. A method for producing a package, comprising the steps of:

15 supplying a granular object having adsorption ability to a packaging apparatus for a granular object having adsorption ability according to Claim 6;

heating the granular object with the heating device;

charging the granular object into a storage bag with the  
20 charging device;

sealing the storage bag into which the granular object has been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus  
25 as a package.

15. A method for producing a package, comprising the steps of:

supplying a granular object having adsorption ability to a  
30 packaging apparatus for a granular object having adsorption

ability according to Claim 7;

heating the granular object with the heating device;

charging the granular object into a storage bag with the charging device;

5 sealing the storage bag into which the granular object has been charged with the sealing device;

cooling the sealed storage bag with the cooling device; and

taking the cooled storage bag out of the packaging apparatus as a package.